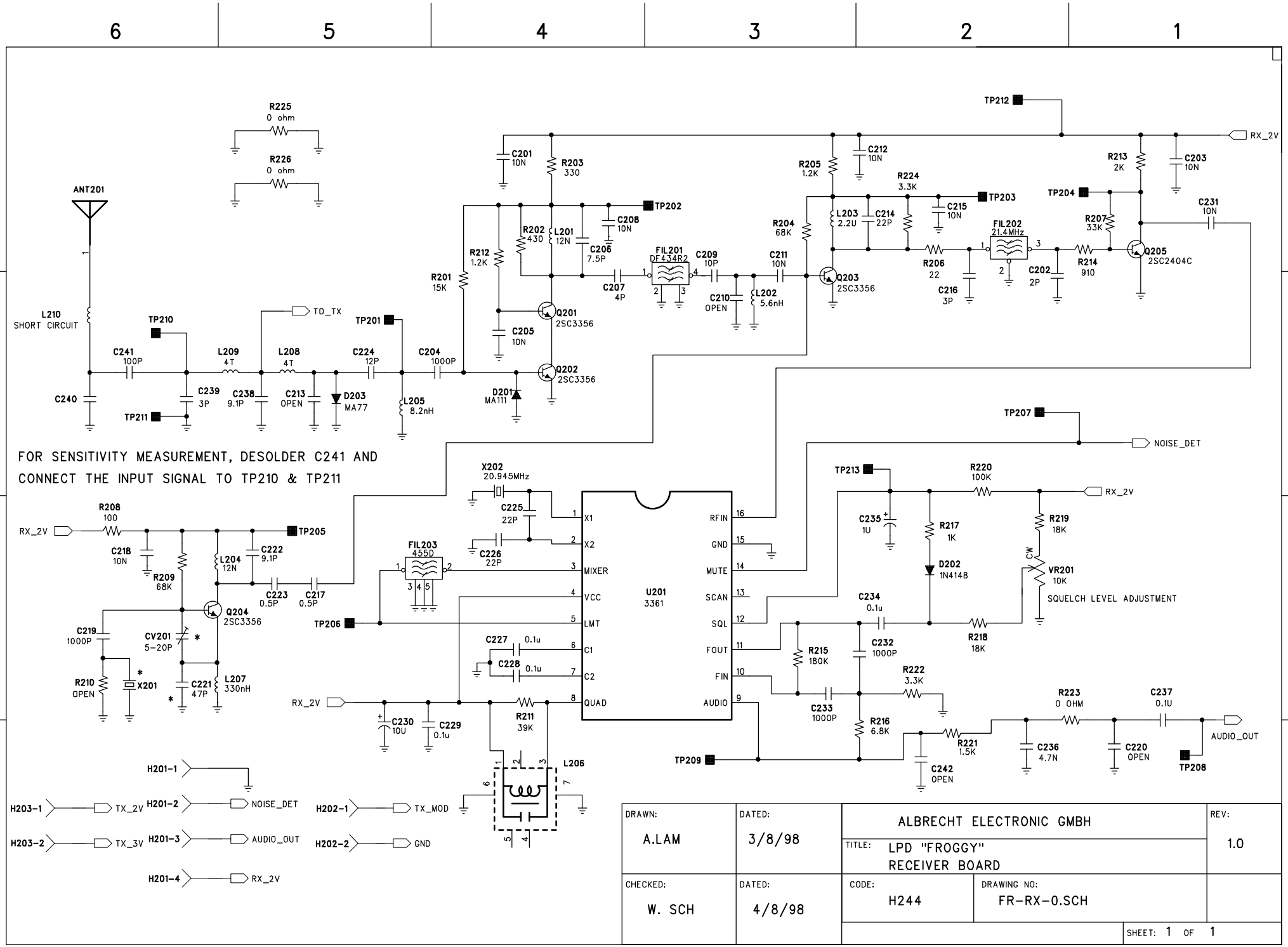
6
5
4
3
2
1
D
C
B
A
ANT201
L210
SHORT CIRCUIT
R225
0 ohm
R226
0 ohm
TP210
TP211
TP201
TP202
TP203
TP204
TP205
TP206
TP207
TP208
TP209
TP212
TD_TX
RX_2V
NOISE_DET
AUDIO_OUT
C241 100P
C240
C239 3P
C238 9.1P
C213 OPEN
D203 MA77
L209 4T
L208 4T
C224 12P
L205 8.2nH
C204 1000P
D201 MA111
C201 10N
R203 330
R212 1.2K
R202 430
L201 12N
C208 10N
C206 7.5P
R201 15K
C205 10N
C207 4P
FIL201 DF434R2
C209 10P
C210 OPEN
C211 10N
L202 5.6nH
Q201 2SC3356
Q202 2SC3356
Q203 2SC3356
R205 1.2K
C212 10N
R204 68K
R224 3.3K
L203 2.2U
C214 22P
C215 10N
R206 22
C216 3P
FIL202 21.4MHz
C202 2P
R214 910
R213 2K
C203 10N
R207 33K
Q205 2SC2404C
C231 10N
FOR SENSITIVITY MEASUREMENT, DESOLDER C241 AND
CONNECT THE INPUT SIGNAL TO TP210 & TP211
R208 100
C218 10N
R209 68K
L204 12N
C222 9.1P
C223 0.5P
C217 0.5P
Q204 2SC3356
C219 1000P
CV201 5-20P
R210 OPEN
X201
C221 47P
L207 330nH
X202 20.945MHz
C225 22P
C226 22P
FIL203 455D
C227 0.1u
C228 0.1u
C230 10U
C229 0.1u
R211 39K
L206
U201 3361
X1
X2
MIXER
VCC
LMT
C1
C2
QUAD
RFIN
GND
MUTE
SCAN
SQL
FOUT
FIN
AUDIO
C235 1U
R220 100K
R217 1K
D202 1N4148
R219 18K
VR201 10K
CW
SQUELCH LEVEL ADJUSTMENT
C234 0.1u
R218 18K
C232 1000P
R215 180K
R222 3.3K
C233 1000P
R216 6.8K
C242 OPEN
R221 1.5K
R223 0 OHM
C236 4.7N
C220 OPEN
C237 0.1U
H201-1
H201-2
H201-3
H201-4
H203-1
H203-2
TX_2V
TX_3V
H202-1
H202-2
TX_MOD
GND
DRAWN: A.LAM
DATED: 3/8/98
CHECKED: W. SCH
DATED: 4/8/98
ALBRECHT ELECTRONIC GMBH
TITLE: LPD "FROGGY" RECEIVER BOARD
REV: 1.0
CODE: H244
DRAWING NO: FR-RX-0.SCH
SHEET: 1 OF 1